Southern Rivers Energy

A Touchstone Energy® Cooperative

Commercial Electrical Service Guide

9/5/2008

Southern Rivers Energy (SRE) is a member-owned power supplier dedicated to providing our members with dependable power at competitive rates. Because we are locally owned and managed you will receive responsive customer focused service 24 hours a day, seven days a week.

Transformers

Southern Rivers Energy can provide service at any standard voltage, although pad-mounted three-phase transformers are limited to wye-wye configurations such as 208/120 and 480/277 volts. To ensure that the proper size transformer(s) is (are) installed SRE will need to receive a set of construction drawings, either paper or electronic, that includes the electrical loading information. At your request SRE can provide the maximum fault current value for proper switchgear selection.

The actual location of the transformer(s) will be mutually determined site based upon actual field conditions. If the member-owner requests that the transformer be placed close to a structure it will be the member-owner's responsibility to ensure that the proper fire barriers or fire rated wall is installed and maintained.

If the transformer is located in an area subject to vehicular or machinery traffic the member-owner will be responsible for providing and installing bollards or other systems necessary to prevent damage to the transformer and any ancillary equipment.

600 Volt Secondary Enclosures

In some cases Southern Rivers Energy will provide a 600 volt secondary bus enclosure as the point of interconnection. The actual location of the secondary bus enclosure will be mutually determined site based upon actual field conditions. The electrical contractor will be responsible for installing any conduit, duct, raceway or conductors from the service disconnect to the secondary buss enclosure. SRE will make up all connections inside the secondary buss enclosure. All conduit, duct, raceway or conductors from the service disconnect to the secondary buss enclosure will remain the property of the member-owner as will any responsibility and maintenance on said items. Member-owner can arrange to have the secondary bus enclosure de-energized and have access to their conduit, duct, raceway or conductors for

maintenance. The secondary bus enclosure will remain the property of Southern Rivers Energy and will remain locked at all times when energized.

Metering

Southern Rivers Energy metering equipment, depending on the size of the service, can be mounted on the exterior of the commercial building, member-owner provided meter pole/meter pedestal, secondary bus enclosure or pad-mounted transformer. Type of metering and its location is solely at the discretion of Southern Rivers Energy.

Southern Rivers Energy can provide the meter base as a service, or the member-owner may provide their own. Southern Rivers Energy will specify the size and type meter base to ensure proper mating with the meter. Maintenance of the meter base will be the responsibility of the member-owner.

If the meter base is to be mounted on a structure other than that owned by SRE the meter base is to be mounted no higher than five (5) feet from ground level. If the service is sufficient in size to require instrument transformers and it is deemed that a secondary bus enclosure is not necessary the member owner shall provide a CT can with a minimum size of 30” x 36” x 12”. The CT can must be weather tight and have a locking mechanism. Once the service is connected and energized Southern Rivers Energy will control the key to the CT can. For a sketch of this configuration see drawing M25-9

The meter and any instrument transformers will be provided, maintained and owned by Southern Rivers Energy.

General Information

Southern Rivers Energy shall be granted a Right-of-Way Easement to install, access and maintain its facilities. Tampering with or vandalizing SRE’s facilities will result in criminal prosecution.